

$XYZ_w = 115.18, 100.0, 26.59$

$A_1 = 2.5 (a_1 - a_{1,n}) Y$

$B_1 = 2.5 B_c (b_1 - b_{1,n}) Y$

$a_1 = a_{20} [(x - x_c) / y]$

$b_1 = b_{20} [z / y]$

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 1.000$

$C_{AB1} = [A_1^2 + B_1^2]^{1/2}$

6 Ostwald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)

Illumin. P25, $Y_w = 100, Y_N = 0$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	582_775	82.98	42.42	0.08	0.6612	0.338	608	502
Y_d	506_775	111.2995	77	1.6	0.5333	0.4589	583	478
G_d	506_582	28.53	53.55	1.57	0.3411	0.64	552	552c
C_d	380_582	32.43	57.77	26.55	0.2777	0.4948	502	608
B_d	380_506	4.12	4.42	25.03	0.1227	0.1317	478	583
M_d	582_506	86.87	46.64	25.07	0.5477	0.2941	552c	552
W_d	380_775	115.18	100.0	26.59	0.4764	0.4136	100%	
N_d	380_775	0.11	0.1	0.02	0.4762	0.4134	0%	
Z_d	380_775	20.73	18.0	4.78	0.4764	0.4136	18%	

Parameter:

Y & Name

Illuminant P25

$Y_w = 100, Y_N = 0$

